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A Study of the Turkish Ichneumonidae (Hymenoptera) I. Pimplinae¹

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A b s t r a c t : Faunistic data of 26 Pimplinae species from Turkey are given. Five species are new records for the Turkish fauna.

K e y w o r d s : Ichneumonidae, Pimplinae, species, Turkey, new records.

Introduction

The Turkish Ichneumonidae fauna is not enough studied. In the catalogue of KOLAROV (1995) only 383 species were listed. Lately some new records were added to this fauna (KOLAROV et al. 1997, 1999; YURTCAN et al. 1999; YURTCAN & BEYARSLAN 2002; CORUH et al. 2002, etc.), predominantly from Thrace, Egean region and Northeastern Turkey.

Most Pimplinae are idiobiont ectoparasitoids of larvae and pupae of holometabolous insects. The species of *Tromatobia* FÖRSTER, *Clistopyga* GRAVENHORST and *Zaglyptus* FÖRSTER parasitize egg sacs and adults of Araneae, like those of entirely koinobiont tribe Polysphinctini. The species of Pimplini are predominantly endoparasitoids of Lepidoptera prepupae and pupae.

¹ Until now 57 Pimplinae (sensu TOWNES 1969) species are known from Turkey.

In the present paper faunistic data of 26 species from Southern Turkey (mainly Isparta and Burdur province) are presented. Five of them, noted in the text by asterisk, are new records for the Turkish fauna. The general distribution is after KOLAROV (1997).

List of the species

Exeristes robator FABRICIUS

M a t e r i a l e x a m i n e d : Burdur, Aglasun, Sagalosso, 1650 m, 3.06.2004, 1♂; Isparta, Dere mahalesi, 1050 m, 8.05.2004, 1♀.

Distribution: Palearctic.

Endromopoda detrita HOLMGREN

M a t e r i a l e x a m i n e d : Isparta, Dere mahalesi, 1150 m, 24.05.2004, 3♀; Burdur, Aglasun, 850 m, 1♂; 7.07.2004, 1♀.

Distribution: Holarctis.

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***Scambus brevicornis* GRAVENHORST**

M a t e r i a l e x a m i n e d : Isparta, Uluborlu, 12.05.2005, 1♀; Egirdir, Kasnakmeshesi, 1650 m, 7.06.2004, 1♀.

Distribution: Europe, Tunisia, Turkey, Mongolia and North America.

***Scambus elegans* WOLDSTEDT**

M a t e r i a l e x a m i n e d : Isparta, Sav, 1050 m, 28.06.2004, 1♀; Egirdir, Kasnakmeshesi, 1650 m, 2.07.2004, 1♀.

Distribution: South Europe, Madeira island, Egypt, Turkey, Crimea and Caucasus.

***Scambus nigricans* THOMSON**

M a t e r i a l e x a m i n e d : Isparta, Dere mahalesi, 1150 m, 24.05.2004, 1♀; Isparta, Kirazlidere, 1050 m, 19.06.2004, 1♂; Egirdir, Kasnakmeshesi, 1650 m, 2.07.2004, 1♀; Isparta, Gölcük, 1150 m, 2.06.2004, 1♀.

Distribution: Europe, Caucasus, Turkey, Kazakhstan and Middle Asia.

*** *Scambus planatus* HARTIG**

M a t e r i a l e x a m i n e d : Egirdir, Kasnakmeshesi, 1650 m, 8.05.2004, 1♂.

Distribution: Western Europe, south part of Eastern Europe, Turkey and Chitinsk region of Russia.

***Scambus pomorum* RATZEBURG**

M a t e r i a l e x a m i n e d : Burdur, Dirmil, 1650 m, 7.07.2004, 1♂

Distribution: Europe, Caucasus and Turkey.

***Liotryphon caudatus* RATZEBURG**

M a t e r i a l e x a m i n e d : Isparta, Sav, 1050 m, 21.06.2004, 1♀.

Distribution: Europe, Caucasus, Turkey, Middle Asia and Mongolia.

*** *Liotryphon punctulatus* RATZEBURG**

M a t e r i a l e x a m i n e d : Isparta, Sav, 1050 m, 21.05.2004, 1♀; Isparta, Dere mahalesi, 1150 m, 24.05.2004, 1♀; Isparta, 1050 m, 26.05.2004, 1♀.

Distribution: Europe, Caucasus, Turkey, behind Baykal lake in Siberia and Mongolia.

***Ephialtes manifestator* LINNAEUS**

M a t e r i a l e x a m i n e d : Isparta, Kasnakmeshesi, 7.06.2004, 1♀.

Distribution: Europe, Caucasus, Turkey and Tadzhikistan.

*** *Dolichomitus dux* TSCHEK**

M a t e r i a l e x a m i n e d : Isparta, Gökcay, 1050 m, 29.06.2004, 1♀.

Distribution: Palearctis.

* ***Dolichomitus populneus* RATZEBURG**

Material examined: Isparta, 1050 m, 7.07.2004, 1♀.

Distribution: Holarctis.

***Tromatobia oculatoria* FABRICIUS**

Material examined: Isparta, Sav, 1050 m, 28.06.2004, 1♀.

Distribution: Western Europe, Bulgaria, Caucasus and Turkey.

***Zaglyptus multicolor* GRAVENHORST**

Material examined: Isparta, Sav, 1050 m, 28.06.2004, 1♀.

Distribution: Palearctis.

***Zaglyptus varipes* GRAVENHORST**

Material examined: Isparta, Golcuk, 1200 m, 7.05.2004, 1♀.

Distribution: Holarctis.

***Perithous divinator* ROSSI**

Material examined: Isparta, Gölcük, 1200 m, 28.05.2004, 1♀; Isparta, Sav, 1150 m, 21.05.2004, 1♂.

Distribution: Europe, North Africa, Caucasus, Turkey, Kazakhstan, China, introduced in North America.

***Hybomischos septemcinctorius* THUNBERG**

Material examined: Isparta, Uluborlu, 1060 m, 12.06.2004, 1♂; Yukari Gökdere, 1200 m, 12.05.2004, 1♂.

Distribution: Europe, Caucasus, Turkey and Southwestern Kazakhstan.

***Zatypota bohemani* HOLMGREN**

Material examined: Isparta, Yukari Gökdere, 1200 m, 12.06.2004, 1♂.

Distribution: Europe, Turkey, Armenia, Alma Ata and Tadzhikistan.

* ***Zatypota percontatoria* MÜLLER**

Material examined: Isparta, Gelincik, 1050 m, 1♂; Isparta, Uluborlu, 1060 m, 12.06.2004, 1♀.

Distribution: Palearctis.

***Apechthis compuncitor* LINNAEUS**

Material examined: Isparta, Sav, 1050 m, 28.06.2004, 1♂ 1♀.

Distribution: Europe, Caucasus, Turkey, Middle Asia, Altai and Siberia to Baykal lake.

***Itoplectis maculator* FABRICIUS**

M a t e r i a l e x a m i n e d : Isparta, Uluborlu, 1060 m, 12.05.2004, 1♀; Egirdir, Kasnakmeshesi, 1650 m, 7.06.2004, 5♀♂; 15.06.2004, 1♀; 2.07.2004, 4♀♂.

Distribution: Europe, North Africa, Canary islands, Turkey, introduced in North America.

***Pimpla contemplator* MÜLLER**

M a t e r i a l e x a m i n e d : Isparta, Sav, 1050 m, 28.06.2004, 1♂; Egirdir, Kasnakmeshesi, 1650 m, 7.06.2004, 1♀; Isparta, Yilanli, 1250 m, 22.05.2004, 1♂.

Distribution: Middle and South Europe, south part of Eastern Europe, Caucasus, Turkey and Turkmenia.

***Pimpla hypochondriaca* RETZIUS**

M a t e r i a l e x a m i n e d : Isparta, Kirazlidere, 1050 m, 7.06.2004, 1♀.

Distribution: Palearctis.

***Pimpla spuria* GRAVENHORST**

M a t e r i a l e x a m i n e d : Isparta, Yukari Gökdere, 1200 m, 12.05.2004, 2♂♂; 23.05.2004, 1♂; Isparta, Uluborlu, 1060 m, 12.05.2004, 1♂; Isparta, Guneykent, 1130 m, 12.05.2004, 1♂; Isparta, Yilanli, 1250 m, 22.05.2004, 1♂; Egirdir, Kasnakmeshesi, 1650 m, 7.06.2004, 1♂; 2.07.2004, 1♂; Isparta, Kirazlidere, 1200 m, 7.06.2004, 1♂; Isparta, Gölcuk, 1200 m, 7.06.2004, 1♂; Isparta, Dere mahalesi, 1100 m, 24.05.2004, 1♂; 7.07.2004, 1♂ 1♀; Burdur, Dirmil, 1650 m, 7.07.2004, 4♂♂; Isparta, Sav, 1050 m, 28.06.2004, 1♀; Isparta, Gökcay, 1050 m, 26.05.2004, 1♂; 29.06.2004, 1♂.

Distribution: Europe, Caucasus, Turkey, Kazakhstan, Middle Asia, Altai and Iran.

***Pimpla turionellae* LINNAEUS**

M a t e r i a l e x a m i n e d : Isparta, Golcuk, 1200 m, 7.05.2004, 1♀; Isparta, Sav, 1050 m, 28.06.2004, 4♂♂ 2♀♀.

Distribution: Palearctis.

***Strongylopsis abdominalis* KASPARYAN**

M a t e r i a l e x a m i n e d : Isparta, Dere mahalesi, 1200 m, 24.05.2004, 1♂; Isparta, Golcuk, 1200 m, 7.05.2004, 1♂.

Distribution: South european part of Russia and Turkey.

Discussion

In the Palearctic region are 391 Pimplinae distributed (sensu TOWNES 1969) species (DICKY & YU 1997). About half of them occur in Western Palearctis. With the new contributions given in the present study, Turkish Pimplinae reaches 62 species and this is perhaps the half of the probably number. The dominant species are *Pimpla spuria* GRAV. and *Itoplectis maculator* F.

Zusammenfassung

In der Paläarktis sind nach TOWNES (1969) 391 Pimplinae nachgewiesen, die Hälfte davon in der Westpaläarktis. Mit vorliegender Arbeit sind nunmehr für die Türkei 62 Pimplinae bekannt, dies dürfte etwa die Hälfte der zu erwartenden Arten sein. *Pimpla spuria* GRAV. und *Itoplectis maculator* F. sind die am häufigsten nachgewiesenen Spezies.

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